REMARKS

The present amendment is in response to Examiner's Notice to Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures mailed May 31, 2000. Reconsideration is respectfully requested.

Applicants submit this Amendment to bring the instant application in compliance with the Sequence Rules, 37 C.F.R. §§ 1.821-1.825. In addition to the paper copy of the Sequence Listing submitted with the instant amendment, applicants submit a floppy disk containing the Sequence Listing in computer readable form in compliance with 37 C.F.R. §§ 1.821 (c) and (e).

SEQ ID NO:20 has been amended to correct the numbering of the amino acids to the correct number of 228.

SEQ ID NO:22 has been amended to correct the numbering of the amino acids to the correct number of 102.

SEQ ID NO:23 has been amended to correct the type indicated of "amino acid" with the correct type "DNA".

SEQ ID NO:26 has been amended to correct the numbering of the amino acids to the correct number of 140.

SEQ ID NO:34 has been amended to correct the numbering of the amino acids to the correct number of 406.

SEQ ID NO:36 has been amended to correct the numbering of the amino acids to the correct number of 87.

SEQ ID NO:38 has been amended to correct the numbering of the amino acids to the correct number of 562.

SEQ ID NO:39 has been amended to correct the numbering of the amino acids to the correct number of 615.

SEQ ID NO:40 has been amended to correct the numbering of the amino acids to the correct number of 753 and by deleting the language SUBSTITUTE SHEET at end of file.

Furthermore, SEQ ID. NOS.: 6, 8, 20, 22, 34, 35, 36, 38, 39 and 40, each contain "Xaa" in their amino acid sequences. As required by the rules, appropriate descriptions have been added to <223>. The new Sequence Listing is submitted to make the





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corrections indicated above. Since all of the sequences in this Sequence Listing were submitted in the application as filed, no new matter has been added.

The content of the amendment to the specification in the paper and computer readable copies of the sequence listing are the same.

CONCLUSION

In light of the present amendment and remarks, Applicants believe that they have fully complied with the Sequence Rules, 37 C.F.R. §§ 1.821-1.825 and respectfully solicit early and favorable action. Should Examiner have any questions, Examiner is encouraged to telephone the undersigned.

Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

Dated: July 17 2000

By: Michae (L. Ward

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Attorneys for Applicant(s)

Attorney Docket No. CGAB-210 USA [ABBOTT 6283.US.P1] [CALGENE 17724/03/US]